

DOZORTSEV, V.A.

Adherence of the U.S.S.R. to the Paris Convention for the  
Protection of Industrial Property and the tasks of information  
organs. NTI no.8:19-23 '65. (MIRA 18:9)

MESHALKIN, Lev Dmitriyevich; DOZORTSEVA, Ch.I., red.; YERMAKOV,  
M.S., tekhn.red.

[Problems in the theory of probability] Sbornik zadach po  
teorii veroiatnostei. Moskva, Izd-vo Mosk. univ., 1963. 148 p.  
(MIRA 17:2)

CHECHERNIKOV, Viktor Ivanovich; KONDORSKIY, Ye.I., prof., red.;  
DOZORTSEVA, Ch.I., red.; CHISTYAKOVA, K.S., tekhn.red.

[Magnetic measurements] Magnitnye izmereniia. Pod red.  
E.I.Kondorskogo. Moskva, Izd-vo Mosk. univ., 1963. 284 p.  
(MIRA 17:3)

YESYUTIN, Leonid Sergeyevich; BUSHIN, V.P., retsenzent; ZOTOV, V.A.,  
retsenzent; MEDVEDEV, P.I., retsenzent; EYZERMAN, V.L.,  
retsenzent; REGEL'SON, L.M., kand. tekhn. nauk, dots.,  
red.; DOZORTSEVA, Ch.I., red.

[Elements of antenna and wave-guide systems] Elementy  
antennno-volnovodnykh ustroystv. Moskva, Izd-vo Mosk. univ.,  
1964. 102 p. (MIRA 17:11)

KLIMONTOVICH, Yuriy L'vovich; DOZORTSEVA, Ch.l., red.

[Statistical theory of nonequilibrium processes in a plasma] Statisticheskaya teoriya neravnovesnykh protsessov v plazme. Moskva, Izd-vo Mosk. univ., 1964. 280 p. (MIRA 17:10)

OGIBALOV, Petr Matveyevich; SUVOROVA, Yuliy Vasil'yevna. Primamal uchastiye RABINOVICH, A.L., kand. tekhn. nauk, dots.; BEZUKHOV, N.I., zasl. deyatel' nauki i tekhniki R.R.F.S.R doktor tekhn. nauk, prof., retsenzent; ZHUKOV, A.M., doktor fiz.-mat. nauk prof., retsenzent; BRONSKIY, A.P., kand. fiz.-matem.nauk, dots., retsenzent; DOBORTSEVA, Ch.I., red.

[Mechanics of reinforced plastics] Mekhanika armirovannykh plastikov. Moskva, Izd-vo Mosk. univ., 1965. 479 p.  
(MIRA 18:7)

RAKHMATULIN, Khalil Akhmetovich; SAGOMONYAN, Artur Yakovlevich;  
ALEKSEYEV, Nikolay Aleksandrovich; DOZQRTSEVA, G.I., red.

[Problems in soil dynamics] Voprosy dinamiki gruntov.  
Moskva, Izd-vo Mosk. univ., 1964. 236 p.  
(MIRA 18:1)

DOZORTSEVA, G. L.

Dozortseva, G. L. "Flora and RN of the vaginal content in various stages of child growth",  
In the collection: Doklady Vsebelorus. resp. soveschchaniya pediatrov  
i akusherov-ginekologov (28-30 November 1946), Minsk, 1949, p. 143-47.

SO: U-411, 17 July 1953, (Letopis 'Zhurnal 'nykh Statey, No. 20, 1949)

*Gynecological Clinic, Minsk Red. Inst.*



DOZORTSEVA, G. L..

Dozortseva, G. L. "Lactic acid in the vaginal content", In the collection: Doklady Vseselorus, resp. soveshchaniya pediatrov i akusherov-ginekologov (28030 November 1946), Minsk, 1949, p. 142-5 .

SO: U-411, 17 July 1953, (Letopis 'Zhurnal 'nykh Statey, No. 20, 1949)

*Sci-Res. Inst., Mother's and Children's Welfare*

DOZORTSEVA, G.L.; MASHKELEYSON, A.M.

Tissue therapy in gynecology. Sovet. med. no.9:28-29 Sept  
1950. (CIML 20:1)

1. Of the Obstetric-Gynecological Clinic, Minsk Medical Institute  
(Director -- Honored Worker in Science Prof. M. L. Vydrin).

DOZORTSEVA, G. L.

Functional diagnosis in obstetrics and gynecology based on cytologic analysis.  
Minsk, Gos. izd-vo BSSR, 1952. 169 p. (Redaktsiia nauchno-tekhnicheskoi literatury)

1. Diagnosis. 2. Gynecology. 3. Obstetrics.

DOZORTSEVA, G. L.

Application of the yellow body hormone in obstetrics and gynecology. Sovet. med. 16 no.5:34-36 May 1952. (GLML 22:2)

1. Professor. 2. Of the Obstetric-Gynecological Clinic, Minsk Medical Institute (Director -- Honored Worker in Science Prof. M. L. Vydrin).

DOZORTSEVA, G. [Dasortsava, H.], prof.

You should know that. Rab. 1 sial. 35 no.8:23 Ag '59.

(MIRA 12:12)

(UTERUS--CANCER)

| 1ST AND 2ND CODES   |  |  |  |  |  |  |  |  |  | 3RD AND 4TH CODES                                  |  |  |  |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| PROCESS AND PROPERTIES INDEX  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <p><i>Ch</i></p> <p><i>114</i></p> <p>Sodium hexenal (evipan) under the experimental conditions of pregnant and nonpregnant animals. P. M. Dneprovskaya and A. N. Meresova. <i>Farmatsiya i Farmakol.</i> 1938, No. 1, 2-13; <i>Chem. Zentr.</i> 1938, II, 4045. Na evipan was subjected to pharmacol. investigation with</p> <p>A view of studying its clinical usefulness in childbirth. Therapeutic doses must be administered only once, as repeated doses have an undesirable effect on respiration and may cause a weakening of the tonus of the uterine musculature. M. G. Moore</p> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ASB-ELA DETALLURGICAL LITERATURE CLASSIFICATION   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| FROM SOURCE   |  |  |  |  |  |  |  |  |  | TO SOURCE  |  |  |  |  |  |  |  |  |  |
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|   |  |
|---|--|
| RUZOVTSAYA, P.M.<br>114   |  |
| The toxicology and pharmacology of mixtures of Plasmocid and atebirin. P. M. Ruzovtseva. <i>Med. Parazit. Parazit. Dis.</i> (U. S. S. R.) 7, 197-207 (in French 207) (1938). — A 1:3 mixture of Plasmocid (I) and atebirin (II) has a lower spasmotic action than I on the vascular system and a lower toxic action than I and II on cardiac activity.<br>S. A. Karjala |  |
| ASB-11.4 METALLURGICAL LITERATURE CLASSIFICATION  |  |

NOZORI SEVA, C-11

Relations between chemical structure of spheropyridine  
and of N-isomericadaverine and their effects on the system



DOZORTSEVA, P.M.

Latin. Med.prom. 10 no.3:31-37 J1-8 '56.

(MIRA 9:11)

1. Otdel farmakologii Vsesoyuznogo nauchno-issledovatel'skogo  
khimiko-farmatsevticheskogo instituta imeni S.Ordzhonikidze.  
(CURARELIKE SUBSTANCES)

DOZORTSEVA, P.M.; LETINA, V.S.; MASHKOVSKIY, M.D.; MIKHER, Ye.A.;  
~~ERBINOVICH, F.Ye.~~; ROMANCHUK, M.A.

Magnesium trisilicate, its production and properties. Med.prom.  
10 no.4:20-22 O-D '56. (MIRA 10:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy  
institut imeni S.Ordzhonikidze.  
(MAGNESIUM SILICATES)

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DOZORTSEVA, P.M.

Isoverine, a new drug for accelerating labor. Med.prom. 12  
no.7:57-58 J1 '58 (MIRA 11:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy  
institut imeni S. Ordzhonikidze.  
(LABOR (OBSTETRICS))  
(CADAVERINE)

~~DOZORTSEVA, P.M.~~

Mellictin, a new drug for treating spastic paralysis. Med.prom.  
12 no.11:54 N'58 (MIRA 11:12)

1. Vsesoyuznyy nauchnoo-issledovatel'skiy khimiko-farmatsevticheskiy  
institut imeni S. Ordzhonikidze.  
(ALKALOIDS)  
(ANTISPASMOIDS)

DOZORTSEVA, P.M.

Pharmacology of the alkaloid methyllicaconitine (mellictin) [with summary in English]. Farm. i toks. 22 no.1:34-38 Ja-F '59.

(MIRA 12:4)

1. Otdel farmakologii (sav. - prof. M.D. Mashkovskiy) Vsesoyuznogo nauchno-issledovatel'skogo khimiko-farmatsevticheskogo instituta imeni S. Ordzhonikidze.

(ALKALOIDS, eff.

mellictin, myotonic eff. in animals (Rus))

(MUSCLE RELAXANTS, mellictin, pharmacol. (Rus))

DOZORTSEVA, P.M., kand.med.nauk

Anal'gin, Zdorov'e 5 no.12:29 D '59.  
(NOVALGIN)

(MIRA 13:4)



DOZORTSEVA-KURBATOVA, P. M.

"Concerning the Pharmacology of "Sferofisin," A New Native Alkaloid."  
Sub 19 Sep 47, Chemiopharmaceutical Inst imeni S. Ordzhonikidze

Dissertations presented for degrees in science and engineering in  
Moscow in 1947

SO: Sun No. 457, 18 Apr 55

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DOZORTSEVA, R. L.

United scientific session on the problems of biology and agriculture.  
Izv. AN SSSR. Ser. biol. No 2, Mr-Apr '52.

DOZORTSEVA, R.L.

OPARIN, A.I., akademik; TSITSIN, N.V., akademik; KHRUSHCHOV, O.K.; ANICHKOV, N.M., akademik; BYKOV, K.M., akademik; KURSANOV, A.L.; LYSENKO, T.D.; TYURIN, I.V.; HUZHDIN, N.I.; IVANOV-SMOLENSKIY, A.G.; STUDITSKIY, A.N., professor; DOZORTSEVA, R.L., kandidat biologicheskikh nauk.

Greetings to Academician B.N.Pavlovskii. Zool.zhur. 33 no.2:241-242  
Mr-Apr '54. (MLRA 7:5)

1. Akademik-sekretar' Otdeleniya biologicheskikh nauk Akademii nauk SSSR (for Oparin). 2. Zamestiteli akademika-sekretarya Otdeleniya biologicheskikh nauk (for TSitsin and Khrushchov). 3. Chlen-korrespondent Akademii nauk SSSR (for Khrushchov and Huzhdin). 4. Chleny Byuro (Anichkov, Bykov, Kursanov, Lysenko, Tyurin, Huzhdin, Ivanov-Smolenskiy, Studitskiy). 5. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for Ivanov-Smolenskiy). 6. Uchenyy sekretar' Otdeleniya biologicheskikh nauk Akademii nauk SSSR (for Dozortseva). (Pavlovskii, Evgenii Nikanorovich, 1884- )

DOZORTSEVA, R.L.

NUZHDIK, N.I.; DOZORTSEVA, R.L.; MECHAYEV, I.A.

Changes in the chromosomes in the *Crepis* genus due to interspecific crossing and grafting. Izv. AN SSSR, Ser. biol. no. 3:71-96 My-Je '55.  
(MLPA 8:7)

1. Institut genetiki Akademii nauk SSSR.  
(CHROMOSOMES)  
(CHICORY)

DOZORTSEVA, R.L.

Conference on heredity and variation in plants, animals, and  
micro-organisms. Usp.sovr.biol. 45 no.2:246-252 Mr-Apr '58 (MIRA 11:6)  
(HEREDITY)  
(VARIATION (BIOLOGY))

NUZHDIN, N.I.; DOZORTSEVA, R.L.

Effect of oxygen on barley seeds irradiated during the period of  
organic rest. Izv. AN SSSR. Ser. biol. 26 no.5:679-692 3-0 '61.  
(MIRA 14:9)

1. Institute of Genetics, Academy of Sciences of the U.S.S.R.,  
Moscow.

(PLANTS, EFFECT OF GAMMA RAYS ON)  
(PLANTS, EFFECT OF OXYGEN ON) (SEEDS)

NUZHIN, N.I. and DOZORTSEVA, R.L.

"Pecularity of formation of chromosome aberrations during irradiation of barley seeds in organic dormancy."

Report submitted to the 2nd Intl. Congress of Radiation research,  
Harrogate/Yorkshire, Gt. Brit. 5-11 Aug 1962



44907  
S/872/62/000/000/001/006  
B144/B180

27.12.20

AUTHORS: Nuzhdin, N. I., Dozortseva, R. L.

TITLE: Cytologic analysis of barley seeds gamma-irradiated in the state of organic rest (Peculiarities in the formation of chromosome aberrations, oxygen effect)

SOURCE: Deystviye ioniziruyushchikh izlucheniya na organizm. Inst. genetiki AN SSSR. Ed. by N.I. Nuzhdin. Moscow, Izd-vo AN SSSR, 1962, 5-30

TEXT: After a comprehensive review of Soviet and Western sources, the present experiments are described. Three types of barley seed with different organic rest periods and radiosensitivity, i.e., Moscow winter (A), Odessa-17 (B) and Yugoslav winter (C), were  $Co^{60}$  irradiated with 12 cu. The frequency of radiation-induced formation of chromosome bridges in the cells of the rootlets was investigated for each barley sort in 3 groups of seeds after passing out of the state of organic rest either: 1) spontaneously; 2) artificially after removal of the seed coat and puncture near the seed bud, with immediate germination; 3) as 2),

Card 1/2

Cytologic analysis of barley seeds ....

S/872/62/000/000/001/006  
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but with germination after 10 or 20 days. In all 3 barleys the chromosome aberrations were ~100% higher in groups 1 and 3 than in 2. To resolve the controversies on the cause of organic rest, which many authors attribute to anoxia, the effect of  $N_2$ ,  $O_2$ , air and vacuum on the number of chromosome aberrations was studied in a further series of tests where A and B were irradiated in organic and induced rest. The results are represented by the order  $I^O = IA = III^O = IIIA > I^N = IV = II^O = IIA =$   
~25% ~7%

$III^N = III^V > II^N = II^V$ , (3%), where I are seeds irradiated in organic rest and kept in induced rest after this; II are seeds treated as in I, but germinated immediately after leaving the state of rest; III are seeds irradiated in induced rest; N = nitrogen; O = oxygen; A = air; and V = vacuum. Two previous assumptions are confirmed: The state of organic rest is the result of anoxia caused by the impermeability of the seed coat to oxygen. Irradiation produces real and potential breaks of chromosomes; under the effect of  $O_2$  the potential breaks develop to real breaks (the aberration percentage increases), and in the complete absence of  $O_2$  they disappear. There are 4 figures and 12 tables.  
Card 2/2

NUZHDIAN, N.I.; DOZORTSEVA, R.L.

Characteristics of the formation of chromosome aberrations in  
irradiation of seeds in the state of organic rest. Zhur. ob.  
biol. 23 no.1:12-23 Ja-F '62. (MIRA 15:3)

1. Institute of Genetics, U.S.S.R. Academy of Sciences.  
(CHROMOSOMES)  
(PLANTS, EFFECT OF GAMMA RAYS ON)  
(SEEDS)

DOZORTSEVA, R. L., SAMOKHVALOVA, N. S., and NUZHDIN, N. I.,

"Dependence of the Effect of Dose Rate on the Physiological State of Irradiated Objects."

report submitted for the 11th Intl. Congress of Genetics, The Hague, Netherlands,  
2-10 Sep 63

L 19066-63 EWT(1)/EWT(m)/BDS/ES(j) AFPTC/AMD/ASD AR/K

ACCESSION NR: AP3004278

S/0216/63/000/004/0514/0525<sup>58</sup>

AUTHOR: Nuzhdin, N. I.; Dozortseva, R. L.; Samokhvalova, N. S.

TITLE: Dependence of chromosome aberration frequency on irradiation intensity and physiological condition of barley seeds <sup>19</sup>

SOURCE: AN SSSR. Izv. Ser. biologicheskaya, no. 4, 1963, 514-525

TOPIC TAGS: barley, seed, chromosome, aberration, irradiation intensity, gamma irradiation, natural dormancy, forced dormancy

ABSTRACT: Two types of barley seeds, Odessa 17 and Hibernating Moscow, were gamma-irradiated to study the effects of high and low radiation intensities on seeds in states of forced dormancy and natural dormancy. Odessa 17 and Hibernating Moscow were gamma-irradiated in both states with doses of 12 kr and 15 kr respectively at different intensities (Odessa 17, 423 r/min and 55 r/min; Hibernating Moscow, 301 r/min and 43 r/min). The frequency of cells with chromosome aberrations (dicentric bridge and acentric fragments) in the meristems of the root tips was investigated during mitotic divisions. For seeds irradiated during the forced dormant state the effect of the radiation dose rate is sharply expressed regardless of  
Card 1/2

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ACCESSION NR: AP3004278

germination time. The high radiation dose rates produce much higher percentages of chromosome aberrations in the root cells than the low rates. For seeds brought out of natural dormancy artificially and germinating immediately, the percentage of root cells with aberrations is the same for both the high and low radiation dose rates. The same seeds brought out of natural dormancy artificially and germinating 10 days later show differences in radiation intensities identical to the seeds irradiated in a state of forced dormancy. The frequency of chromosome aberrations in root cells depends on the physical conditions of irradiation (type of radiation, dose, rate) and the physiological state of the seeds during irradiation. Orig. art. has: 2 tables.

ASSOCIATION: Institut genetiki akademii nauk SSSR (Institute of Genetics, Academy of Sciences SSSR)

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NO REF SOV: 004

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Card 2/2

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NUZHIDIN, N.I.; DOZORTSEVA, R.L.; SAMOKHVALOVA, N.S.

Postirradiation effect of storage in barley seeds, irradiated with gamma rays ( $Co^{60}$ ), in the state of organic and forced dormancy.

Izv. AN SSSR. Ser. biol. no.4:577-586 J1-Ag '64.

(MIRA 17:10)

1. Institute of Genetics, Academy of Sciences of the U.S.S.R., Moscow.

NUZHDIN, N.I.; DOZORTSEVA, R.L.; PASTUSHENKO-STRELETS, N.A.; SAMOKHVALOVA,  
N.S.

Effect of space flight factors on spindle tree (*Evonymus europaea* L.)  
seeds. Izv. AN SSSR. Ser. biol. no.4:576-580 J1-Ag '65. (MIRA 18:7)

1. Institut genetiki AN SSSR.

AUTHOR: Nuzhdin, N. I. (Corresponding member AN SSSR); Samokhvalova, N. S. SOURCE CCDE: UR/2670/65/000/032/0004/0017  
ORG: Institute of Genetics, Academy of Sciences, SSSR (Institut genetiki, Akademiya nauk SSSR) Dozortseva, R.L.; 19  
TITLE: The influence of inhibitors and activators of cellular metabolism on the number of chromosome aberrations after single dose and fractionated gamma irradiation of barley seeds 21  
SOURCE: AN SSSR. Institut genetiki. Trudy, no. 32, 1965. Deystviye ioniziruyushchikh izlucheni na rastitel'nyy i zhivotnyy organizmy (Effect of ionizing radiation on plant and animal organisms), 4-17  
TOPIC TAGS: plant genetics, radiation plant effect, barley, gamma irradiation, antibiotic, streptomycin, levomycetin, ATP  
ABSTRACT: Air-dried seeds of two varieties of winter barley, Odesskiy 17 and Zimuyushchiy moskovskiy, were irradiated with Co60 gamma rays in a dose of 15 krad with dose power of 301 rad/min. Seeds were irradiated by two methods, in one dose and in two doses of 7.5 krad each separated by an interval of 15 days. Twenty-four hr after the first irradiation by the fractionated method, and 24 hr after single irradiation, seeds were soaked for 24 hr in solutions of levomycetin, streptomycin, in the tot... streptomycin, and...

CHAKUROV, Ag., dotsent; PETROV, A.; MILANOV, A.; PENKOV, V.; CHERVENIAKOV,  
V.; BOTEV, Z.; DOZOV, N.

Results of 2300 appendectomies. Khirurgia (Sofia) 17  
no.3:311-320 '64.

1. Republika'ska bolnitsa Ministerstvo na narodnoto zdrave i  
sotsialnite grizhni.

NOVAK, J.; BERNAT, I.; DOZSAN, G.; SANDOR, E.

The disorder in iron metabolism developing in burns disease.  
Acta chir. plast. (Praha) 7 no.4:310-316 '65.

1. Medical Service of the Hungarian People's Army, Budapest,  
Hungary.

KOCSIS, Maria; CSAKI, Laszlo; SANKA, Janos; DOZSA, Istvan, UJFALUSI,  
Sandor

Remarks about the article "Trade Union County Councils".

Munka 4. no.8:40-43 Ag'54

1. Tisza Cipogyar uzemi bizottsagi elnoke (for Kocsis).
2. Postasok Szakszervezete Szervezesi Osztalya vezetoje (for Csaki).
3. Szakszervezetek Gyor-Sopron megyei Tanacsa (for Sanka and Dozsa).
4. Kozalkalmazottak Szakszervezete Gyor-Sopron megyei Bizottsaga elnoke (for Ujfalusi).

DOZSA, Istvan, dr.

Huge enterolith in a pony. Elovilag 4 no.2:55-56 Ap-Je '59.

HUNGARY

DOZSA, Istvan, Dr, PASZTOR, Lajos, Dr; The Zoological Garden Veterinary Clinic of the Budapest City Council V.B.[abbreviation not identified] (Budapest Fovarosi Tanacs V.B. Allatkerti Allatorvosi Rendeloje)(chief specialist: DOZSA, Istvan, Dr, candidate of veterinary sciences)

"The Use of Muscle Relaxant Drugs - Especially Succinylcholine - in Veterinary Medicine."

Budapest, Magyar Allatorvosok Lapja, Vol 17, No 12, Dec 62, pp 465-469.

ABSTRACT: [Authors' English summary modified] The authors discuss the use of muscle relaxant drugs and the gun used for their administration to wild game. Succinylcholine chloride was widely tested on and proven effective for horses. Dosage is described for horses, donkeys, swine, felines, cattle, dogs, fowl and wild animals.

[no references]

1/1



DOZSA, Istvan; KEMENES, Ferenc; SZENT-IVANYI, Tamas

Investigations on the role of red corpuscles of mammals to identify species. Allattani kozl 48 no.1/4:37-42 '61.

1. Allatorvostudományi Főiskola Jarvanytani Tanszeke, Budapest, es Fővárosi Tanács VB Allatkerti Allatorvosi Rendelöje, Budapest.

DOZSA, Istvan, Jr.

House sparrow as the Salmonella typhi marker carrier. Aquila  
69/70:225-229 '62-'63 [publ. '64].

DOZSA, Lajos

Operation, technical data and operational experience of up-to date  
wrapping machines. Elelm ipar 17 no.8:249-257 Ag '63.

1. Elelmezesugyi Miniszterium.

C.A.

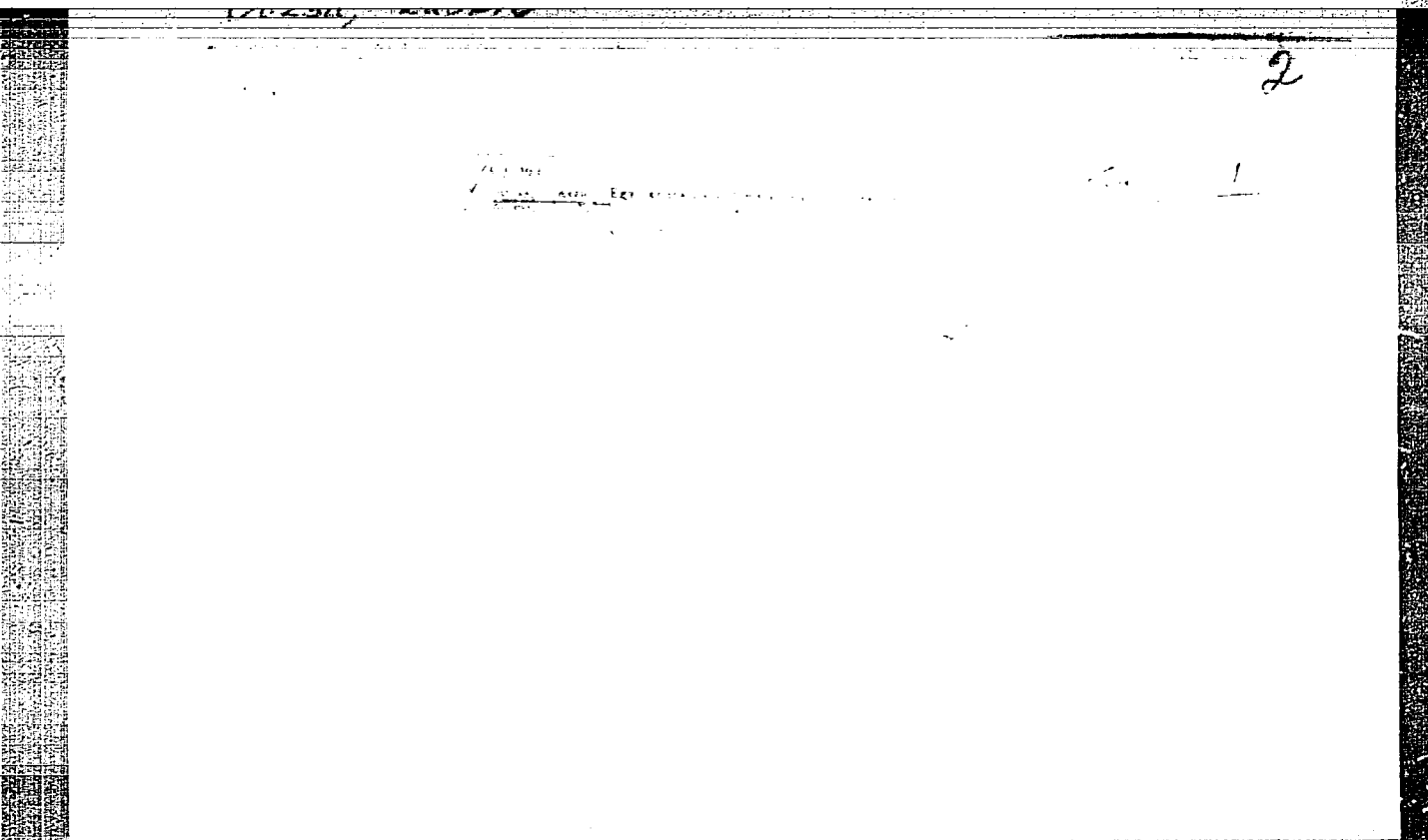
For Dr. László

113

A new biological reaction for the diagnosis of pregnancy in mares. Balázs Juhász and László Dósa (Univ. Agr. Sci., Budapest). *Magyar Állatorvosok Lapja* 3, 74 (1951).  
—One part plasma is treated with 3-4 parts Et<sub>2</sub>O, shaken for 5-10 min., filtered, and filtrate stored overnight at room temp. or kept at 40° for 3-4 hrs. until no Et<sub>2</sub>O smell is perceptible. Five to 6 ml. of the liquid is injected subcutaneously into male frogs of 80-120 g. wt., frogs are kept at room temp. in darkness for 3-4 hrs., and urine samples examd. for sperm. The Et<sub>2</sub>O ext. of plasma can be stored in the cold for 10-12 days. This pregnancy test can be applied in the first 100-120 days of pregnancy in mares.  
István Fényes

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BECK, Mihaly; DOZSA, Laszlo

Solubility of cadmium-thiocyanate and cadmium-cyanide. Magyar  
kem folyoir 70 no. 4:163-164 Ap '64.

1. Department of Inorganic and Analytic Chemistry, Attila Jo-  
zsef University, Szeged; and Research Group of Reaction Kinetics,  
Hungarian Academy of Sciences.

L 01074-66 EWP(t)/EWP(b) IJP(c) JD

ACCESSION NR: AT5022329

HU/2502/64/041/003/0291/0293

AUTHOR: Beck, Mihaly (Doctor)(Szeged); Dozsa, Laszlo (Szeged)

TITLE: Solubility of cadmium thiocyanate and cadmium cyanide

SOURCE: Academiae scientiarum hungaricae. Acta chimica, v. 41, no. 3, 1964, 291-293

TOPIC TAGS: solubility, cadmium compound, thiocyanate, cyanide

Abstract: [English article] Cadmium thiocyanate was prepared from a mixture of cadmium sulfate and ammonium thiocyanate in a 2.8:9.4 mole ratio. The saturation solubility of the product in water at 20°C was found to be 0.457 moles/l. The preparation of pure cadmium cyanide proved to be difficult owing to hydrolysis. The saturation solubility of the product in water at 20°C was 0.11 moles/l; however, this figure is by necessity only an approximate one. The existence of a mixed complex,  $\text{Cd(II)EDTA(CH)}^{3-}$  (where EDTA represents ethylenediamine tetraacetate), was proven.

ASSOCIATION: Reaction Kinetical Research Group of the Hungarian Academy of Sciences, Szeged; Institute of Inorganic and Analytical Chemistry, The University, Szeged)

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L 01074-56

ACCESSION NR: AT5022329

SUBMITTED: 22Apr64

ENCL: 00

SUB CODE: IC, GC

NO REF SOV: 008

OTHER: 000

JPRS

Card 242



*DOZSAN, GABRIELLA*

BORHEGYI, László, dr.; SKEPLAKI, Sándor, dr.; DOZSAN, Gabriella, dr.

Two cases of strongyloidiasis stercoralis. Orv. hetil. 95 no.27:  
738-741 4 July 54.

1. A Magyar Nephadasereg Egesszegugyi Szolgalatanak kozlomenye  
(STRONGYLOIDIASIS, case reports)

BERNAT, I.; NOVAK, J.; ELEK, S.; DOZSAN, Gabriella.

Anaemia after thermal injury. I. Iron metabolism. Acta med.  
acad. sci. Hung. 21 no.1:121-131 '65.

1. Hungarian Army Medical Corps.

NIKODEMUSZ, Istvan; LAZAR, Jozsef; DOZSAN, Gabriella; MELLE, Zoltan;  
JUHASZ, Pal

Alcohol utilisation by alcohol sensitive and resistant Pseudomonas strains in the presence of carbohydrates. Kiserletes orvostud.  
8 no.4:416-420 July 56.

1. Debreceni Orvostudományi Egyetem Mikrobiológiai Intézete és a  
Nephadsereg Egészségügyi Szolgálat.

(PSEUDOMONAS, metab.

alcohol utilization & eff. in sensitive & resistant  
strains in carbohydrate culture medium (Hun))

(ALCOHOLS, metab.

Pseudomonas strains, utilization & eff. in resistant  
& sensitive strains in carbohydrate culture medium (Hun))

NIKODEMUSZ, Istvan; LAZAR, Jozsef; DOZSAN, Gabriella; MELLEK, Zoltan;  
JUHASZ, Pal

Resistance of alcohol sensitive and resistant Pseudomonas  
strains toward the bacteriostatic effect of univalent alcohols.  
Kiserletes orvostud. 8 no.5:449-453 Sept 56.

1. Debreceni Orvostudományi Egyetem Mikrobiológiai Intézete és a  
Néphadsereg Egészségügyi szolgálat.

(PSEUDOMONAS, eff. of drugs on  
alcohols, monohydric, resist. & sensitivity of various  
strains (Hun))

(ALCOHOLS, eff.  
monohydric alcohols on various Pseudomonas strains,  
resist. & sensitivity (Hun))

KENEDI, Istvan, dr.; DOZSAN, Gabriella, dr.; PETER, Marton, dr.

Effect of long-term anticoagulant therapy on the serum anti-thrombin level. Orv. hetil. 106 no. 51:2413-2414 19 D ' 65.

1. Magyar Nephadsereg Egészségügyi Szolgálat és az Orvostovábbképző Intézet, Sebészeti Tanszék (vezető: Littmann, Imre, dr. ).

DOZSI, Z.

ORAL, F.; KELEMEN, L.; DOZSI, Z.; RAVASZ, J.

Cerebrospinal fluid in typhus. Acta med.hung. 7 no.1-2:135-145  
1955.

1. Klinik für Infektionskrankheiten und Pathophysiologisches  
Institut der Medizinischen und Pharmaceutischen Hochschule,  
Marosvasarhely (Targu-Mures) Rumanien.

(TYPHUS, cerebrospinal fluid in.)

(CEREBROSPINAL FLUID, in various diseases,  
typhus)

DOZYREV, B. M.

"Paramagnetic Relaxation in Pentaphenyl-Cyclopentadienyl." Dok, An  
Vol. 58, No. 6, 1947. Physics.

Physiotechnical Inst., Kazan Affil., Acad. Sci.

Q-6

CZECHOSLOVAKIA / Farm Animals. Poultry.

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 64556

Author : Drab, Bedrich

Inst : Not given

Title : Vitamin Preparations in Poultry Farming

Orig Pub : Drubeznictvi, 1957, 5, No. 8, 119-121

Abstract : The effect of certain vitamin preparations of the Dutch Company Philips-Roxane (Amsterdam) on the production of Rhode Island hens was tested. By supplementing the daily rations, from 6 January to 28 February 1957, with 0.01% of preparation "Dochiphral" (3,750 I.U. of vitamin A, 750 I.U. of vitamin D<sub>2</sub>, 1.5 mg. of vitamin B<sub>2</sub>, 2.8 mg. of pantothenic acid, 4.0 mg. of nicotinic acid, 1.0 mg. of vitamin K<sub>3</sub>, per 1 g.), and from 10 March, adding another polyvitamin preparation, an average of 119 eggs was obtained per one hen from the beginning of the year through 31 May. The hatching

Card 1/2



DRAB, Frantisek

Methods of mathematical evaluation of reactor control circuit.  
Jaderna energie 8 no.9:308-314 S '62.

1. Zavody V.I.Lenina Plzen.

DRAB, F., inz.; TESKA, J., inz.

Induction sensing device for measurement of small displacements.  
Strojirenstvi 12 no.9:699-701 S '62.

1. Leninovy zavody, Plzen.

1. 4011-566  
ACC NR: AP6013153 (A) SOURCE CODE: CZ/0078/66/000/004/0010/0010

INVENTOR: Drab, Frantisek (Engineer; Plzen); Haninger, Ladislav (Engineer; Plzen)

ORG: None 76  
B

TITLE: [A noise filter] CZ Pat. No. PV 1868-65, Class 21a

SOURCE: Vynalezky, no. 4, 1966, 10

TOPIC TAGS: electric filter, signal noise separation, pulse generator, pulse counter

ABSTRACT: This patent introduces a circuit for optimum suppression of the noise in a useful signal. A statistical sample  $Y(y_1, \dots, y_n)$  is substituted for the signal  $y(t)=s(t)+\xi(t)$  by the use of controlled interlocking units. The useful signal is fed through threshold interlocking devices to the first input of the controlled interlocking unit. The second input of these units is connected to a cadence pulse generator. One of the weighted numbers  $(-1, 0, +1)$  is added to each member of the sample  $y_1$  according to the rule  $(y_1 > y_0 \rightarrow +1; y_1 > y_0 \rightarrow -1; y_0 > y_1 > y_0 \rightarrow 0)$ . A differential counter attached to the controlled interlocking units is used for sequential analysis of the resultant series. The instantaneous state of the counter is continuously monitored by an electric system which is connected through a feedback circuit to the differential counter. The result of the sequential analysis shows whether the useful signal

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ACC NR: AP6013153

contains information with the parameter  $0 > 0_0$  or  $0 < 0_0$ . This is determined by sending a pulse form the electrical monitoring system with simultaneous reset of the differential counter. [Translation]

SUB CODE: 09/ SUBM DATE: 02Mar65

DRAB, J.

Mechanization of potato treatment. p. 130.  
MECHANISACE KATCEDELSVI, Praha, Vol. 5, no. 7, Apr. 1955.

SO: Monthly List of East European Accessions, (EEAL), L2, Vol. 4, no. 10, Oct. 1955,  
Uncl.

DRAB, J.

Potato research in practice. p. 136. (VESTNIK. Praha) (Vol. 4, No. 3, 1957)

SO: Monthly List of East European Accession (EEAL) LC, Vol. 6, No. 7, July 1957. Uncl.

DRAB, JAROSLAV

Pěstování bramboru. Praha, Československá akademie zemědělských věd, 1956.  
465 p. [Potato growing]  
DA Not in DLC

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

*DRAB, KAREL*

CZECHOSLOVAKIA / Chemical Technology, Chemical Products  
and Their Application - Medicinals. Vitamins.  
Antibiotics

J-3

Abs Jour : Referat Zhur - Khimiya, No 2, 1958, 5559

Author : Drab Karel

Inst : Not given

Title : Dehydration Apparatus LP

Orig Pub : Cescosl. farmac., 1955, 4, No 8, 434-435

Abstract : Description of an apparatus for lyophilic dehydration  
of blood, serum, preparations containing vitamins, etc.

Card 1/1



DRAB, K.

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: [not given]

Affiliation:

Source: Prague, Rozhledy v Tuberkulose a v Nemocech Plicnich, Vol XXI, No 6, July 61, pp 456-460.

Data: "Bilateral Extensive Pneumocytic Pneumonia in a Male Aged 30 Years Suffering From Malignant Lymphogranuloma."

Authors:

BRAUN, A., [presumably] First Institute of Pathological Anatomy, KU [Karlova universita; Charles University] (I. patologickoanatomicky ustav KU), Prague; Director: Prof Dr. B. BEDNAR.

DRAB, K., presumably First Institute of Pathological Anatomy, KU, Prague.

CHRZOVA, V., [presumably] Second Internal Clinic, KU (II. interni klinika KU), Prague; Director: Prof Dr F. HERLES.

KRALOVA, L., [presumably] Second Internal Clinic, KU, Prague.

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TEICHMANN, V.; DRAB, K.; DAUM, S.; OUREDNIK, A.

Roentgen diagnosis of chronic cor pulmonale in chronic bronchitis  
and pulmonary emphysema. Sborn. lek. 63 no. 5/6:158-165 1961.

1. II interni klinika Fakulty vseobecneho lekarstvi University Karlovy  
v Praze, prednosta prof. dr F. Herles.  
(PULMONARY HEART DISEASE radiog)  
(BRONCHITIS radiog) (PULMONARY EMPHYSEMA radiog)

TEICHMANN, V.; DRAB, K.

Roentgen picture of chronic pulmonary heart disease in transitory  
and chronic heart insufficiency. Acta Univ. Carol.[med.] (Praha)  
10: suppl. 17:95-101 '63

1. II. interni klinika fakulty vseobecneho lekarstvi University  
Karlevy v Praze (prednosta: prof. dr. F. Herles, DrSc).

TEICHMANN, V.; DRAB, K.

Roentgenography of cor pulmonale in temporary and permanent cardiac insufficiency. Cesk. rentgen. 17 no.1:43-49 Ja '63.

1. II. interni klinika fakulty vseobecneho lekarstvi KU v Praze,  
prednosta prof. dr. F. Herles.  
(HEART FAILURE CONGESTIVE) (THORACIC RADIOGRAPHY)

DRAE, V.

Jet Engines p. 69

Compensators for smooth voltage regulation. p. 81 (Strojnoelektrotechnicky Casopis.

Bratislava. Vol. 3, no. 2, 1952)

SO: Monthly List of East European Accessions, (EFAL), IC, Vol. 4, No. 6,

June 1955, Uncl.

DRAP, Z.

Significance of automatization. p. 184. NOVA TECHNICA. (Rada  
vedeckych technickych spolecnosti pri Cechoslovenske akademii ved)  
Praha. Vol 1, no. 6, June 1956.

SOURCE: East European Accessions List, (EEAL), Library of Congress  
Vol. 5, no. 12, December 1956.

DRAB, Z.

Regulated electromagnetic clutch with oil-iron packing. p. 59

ELEKTROTECHNIK Vol. 11, no. 2 Feb. 1956

Czechoslovakia

Source: EAST EUROPEAN LISTS Vol. 5, no. 7 July 1956

DRAB, Z.

Some connections and applications of selsyns. p. 284.

ELEKTROTECHNIK. Vol. 11, no. 9, Sept. 1956

Praha, Czechoslovakia

SOURCE: East European List (EEAL) Library of  
Congress, Vol. 6, No. 1, January 1957



**"APPROVED FOR RELEASE: Friday, July 28, 2000**

**CIA-RDP86-00513R0004111100**

**APPROVED FOR RELEASE: Friday, July 28, 2000**

**CIA-RDP86-00513R00041111001**

DRAB, Z.

Servomotors and their control.

p. 322 (Elektrotechnik) Vol.12, no. 10, Oct. 1957, Praha, Czechoslovakia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, Jan. 1958

DRAB, Z.

For a further development of automatization. (1st supplement) p. 25.  
(Elektrotechnický Obzor, Vol. 46, no. 2, February 1957. Praha, Czechoslovakia)

SO: Monthly List of East European Accessions. (EEAL) LC. Vol. 6, No. 6,  
June 1957. Uncl.

DRAB, Z.

"Development of the technique of instruments and other means of automation in the Soviet Union in 1959-1965."

Automatisace. Praha, Czechoslovakia. Vol. 2, no. 4, Apr. 1959

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59, Unclass

DRAB, Z.

"What do the electron tubes of special quality mean?"

AUTOMATISACE, Praha, Czechoslovakia, Vol. 2, No. 7, July 1959.

Monthly List of East European Accessions (MEAI), LC, Vol. 8, No. 9, September 1959.

Unclassified.

DRAB, Z.      JR

Use of automatic computers for scientific-technical calculations and direct  
production control. p. 328.

AUTOMATIZACE. Praha, Czechoslovakia. Vol. 2, no. 11, Nov. 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 9, no. 1, January 1960.

Uncl.

DRAB, Z.

Contribution to the article "Magnetoelastic Effect and Possibilities of Its Use in Automation." p. 332.

AUTOMATIZACE. Praha, Czechoslovakia. Vol. 2, no. 11, Nov. 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 9, no. 1, January 1960.

Uncl.

CZ/4-59-11-24/56

28(1,2)

AUTHORS: Dráb, Zdeněk, Engineer, Hálek, Antonín

TITLE: The Direct Control of Manufacturing Processes by Means of Digital Control Devices

PERIODICAL: Nová Technika, 1959, Nr 11, pp 518-520 (CSR)

ABSTRACT: The authors review the use of digital control devices in various manufacturing processes. An all-state conference on the raising of the technical level in Czechoslovakian industry, traffic and construction engineering, especially with regard to automation by means of digital control devices is in preparation. In Moscow and at the Brno Sample Fair digital control devices for the control of machine tools have been displayed. Scientists of the Výzkumní ústav obráběcích strojů a obrábění (Research Institute for Machine Tools and Machining), the Výzkumní ústav matematických strojů (Research Institute for Mathematical Machines) and the Výzkumní a vývojový ústav Závodů průmyslové automatizace (Research and Developing Institute of the Plant for Industrial Automation) are working on automation by means of digital control devices. These devices may be used in metallurgical plants for the analysis of the manufacturing processes, for the rapid calculation

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CZ/4-59-11-24/56

The Direct Control of Manufacturing Processes by Means of Digital Control Devices

of some physical values, for the direct guidance of manufacturing processes and for the automated control of whole manufacturing processes. Analog computing devices are mostly used; digital computers are used especially when much complex information must be processed. In the USSR the method of Sorokin for the determination of the efficiency of blast furnaces in minute-intervals by means of an automatic control device is used. The Soviet experts Galatkin and Zhilko prepared a system of linear equations for the control of rolling mills, containing the mutual relations between the thickness of the processed material, the temperature, the pressure of the rollers and the technologic constant of the rolling mill. In the rolling mill of the metallurgical combine of Magnitogorsk a single-purpose digital control device for the automatic cutting-off of rolling material is in operation now for some time. Digital control devices may be profitably used in power engineering, especially in the control of power plants and power grids. The possibility of using digital control devices in the field of scientific-technical calculations, in the direct control of technologic processes and in the complete control of plants are of great importance for the chemical industry. In Soviet RR traffic an analog computer is

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The Direct Control of Manufacturing Processes by Means of Digital Control Devices CZ/4-59-11-24/56

successfully used as automatic locomotive engineer. A maximum density of traffic may be obtained by use of digital control devices in electrified RR traffic. Presumably the Czechoslovakian industry will be able to produce the required digital control devices. A photograph (page 519, column 2) shows the Soviet "VPRR 2" automatic tubeless portable equipment for the choice of the right control and most suitable method of milling, drilling or turning within a period of 2-3 minutes; 23 values can be determined by means of this device. This device has been displayed on the "Exhibition of Results of the Economy of the USSR". There is 1 photograph.

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Z/03-/60/021/01/001/040  
E073/E135

AUTHOR: Zdeněk Dráb, (Engineer)

TITLE: Development in Electronic Engineering in Czechoslovakia during the Fifteen Post-War Years

PERIODICAL: Slaboproudý Obzor, 1960, Vol 21, Nr 1, pp 1-2

ABSTRACT: The tasks facing the telecommunications industry in Czechoslovakia are discussed in a general manner. In the field of television the main transmitting stations should be completed by 1961, by 1963 good quality reception should be available throughout the entire territory of Czechoslovakia, and at the end of the third Five-Year plan a second television programme will be broadcast from Prague. It is scheduled that in 1965 there should be one television set for every 1.9 families. At the same time the Czech part of the coaxial cable Moscow-Prague-Berlin is to be completed, which will permit not only the exchange of television programmes, but also a speeding up of the telephone service. At present Czech industry produces components for all branches of electronics industry. For the manufacture of television equipment, works are in the process of

Z/039/60/021/01/001/040  
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Development in Electronic Engineering in Czechoslovakia during the  
Fifteen Post-War Years

completion in Stropkov, Liptovsky Hrádek, Nýřany and  
Česke Budějovice. For manufacturing components, new  
large works are being built in Jihlava and Blatná. By  
1965 the manufacture of semiconductors is to approach the  
volume of manufacture of electronic tubes. In 1960 over  
200 000 television sets will be manufactured, and the  
output of television sets is to be doubled by 1965. In  
addition to existing research and development establish-  
ments, a new modern building has recently been completed  
for the A.S. Popov Telecommunications Research Institute  
in Lhotec. It is stated that these measures are still  
not adequate and it is essential to continue increasing  
the available scientific manpower, particularly as  
regards mathematicians and physicists. One of the main  
tasks of the third Five-Year plan in the field of  
telecommunications is to introduce the series manufacture  
of telephone crossbar systems, which will be standard in  
all Soviet bloc countries. It is emphasised that all  
the individual elements of the system must be designed to

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2/3

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Z/039/60/021/07/004/037  
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AUTHOR: Dráb, Zdeněk, Engineer

TITLE: The Use of Standard Forms in the Synthesis of Linear Servomechanisms q

PERIODICAL: Slaboproudý obzor, 1960, Vol 21, No 7, pp 393-397

ABSTRACT: A brief listing of servomechanism synthesis methods is given. The method based on the use of standard transients is criticized on the basis that the deviations from ideal form in real servomechanisms result in completely different transient and steady-state properties. The present method is based on the author's previous work (Ref 25). It attempts to employ directly the dependence between the transient response and the distribution of roots of the transfer function in the complex line. The method employs the closed loop since the effects of the feedback circuit are neglected in methods employing the open loop. The steady-state behaviour with constant position, constant velocity and constant acceleration and Card 1/2 the transient behaviour are specified. Since small and 4

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Z/039/60/021/07/004/037  
E140/E535

The Use of Standard Forms in the Synthesis of Linear Servomechanisms

continuous changes in root distribution correspond to small and continuous changes of transient response deviations of the real system from the ideal do not cause difficulties. The standard forms for this method were obtained on a differential analyser MEDA. Reference to adaptive systems (Ref 32) is made and it is claimed that the use of standard forms substantially simplifies their design. There are 7 figures, 1 table and 32 references, 9 of which are Czech, 10 Soviet, 1 German and 12 English.

SUBMITTED: November 4, 1959

4

Card 2/2

DRAB, Zdenek, inz., C.Sc.

Important role of the Communist Party of Czechoslovakia in the development of light-current engineering. Slaboproudý obzor 22 no.4:193 Ap '61. (EEAI 10:6)

1. Pracovník Statní plánovací komise, Praha  
(Czechoslovakia--Electrical engineering)

DRAB, Zdenek, doc., ins., kand. tech. ved.

Results of technical development of the weak-current electrical engineering in the second Five-Year Plan. Slaboproudy obzor 22 no.7:385-386 '61.

1. Statni planovaci komise, Praha.

(Czechoslovakia—Electrical engineering)



DRAB, Zdenek, doc., inz.

Development and role of electrotechnics in long-term outlook of  
Czechoslovak national economy. Slaboproudý obzor 22 no.12:713-715  
D '61.

1. Statní plánovací komise.

(Electronics)

D. AB, Zdenek, doc., inz., kandidat technickych ved

Some problems of development of heavy-current engineering over a long period of time. 41 tech abzor 50 no.12:661-662 D '61.

1. Statni planovaci komise.

16-8000  
S/194/62/000/008/021/100  
D201/D308

AUTHOR: Dráb, Zdeněk

TITLE: Additional method of synthesis of follow-up systems

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika,  
no. 8, 1962, abstract 8-2-123 sh (Souhrn prací o auto-  
mat. 1959, Prague, 1961, 99-114 [Czech.; summary in  
Eng.])

TEXT: A graphical method for speedy synthesis of standard type sys-  
tems from given parameters is proposed. The method is based on the  
use of the correspondence between the transfer locus and the tran-  
sient process. Diagrams obtained with the aid of a computer show  
the dependence of parameters of the transient process such as the  
max. oscillation amplitude, max. deviation velocity, number of os-  
cillations and the duration of the transient on the shape of the  
transfer locus. A correction factor  $\alpha$ , relating the respective qua-  
lity parameters to the denominator of the transfer function, is in-  
troduced. [Abstracter's note: Complete translation.]

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S/194/62/000/003/014/066  
D230/D301

16,8000

AUTHOR: Dráb, Zdeněk

TITLE: Servomechanisms

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika,  
no. 3, 1962, abstract 3-2-52p (Chekhosl. pat., kl. 21c,  
46/50, 42k, 46/03, no. 96848, 15.10.60)

TEXT: The proposed servo system consists of two position transmitters, a control element at whose input an error signal is applied, a servomotor and loads. It is proposed to insert between the servomotor and load a twisting moment unit, corresponding to the Czech Pat. no. 86877 (see RZhE, 1960, 4.4897); the output from this unit is applied to the input of the control element. 1 figure. 1 reference. / Abstracter's note: Complete translation. ]

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